











City of Cambridge  
Massachusetts

C.R.

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# PARK DEPARTMENT

## ANNUAL REPORTS

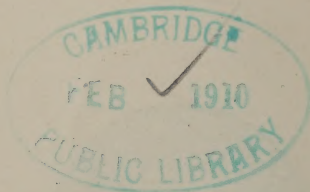
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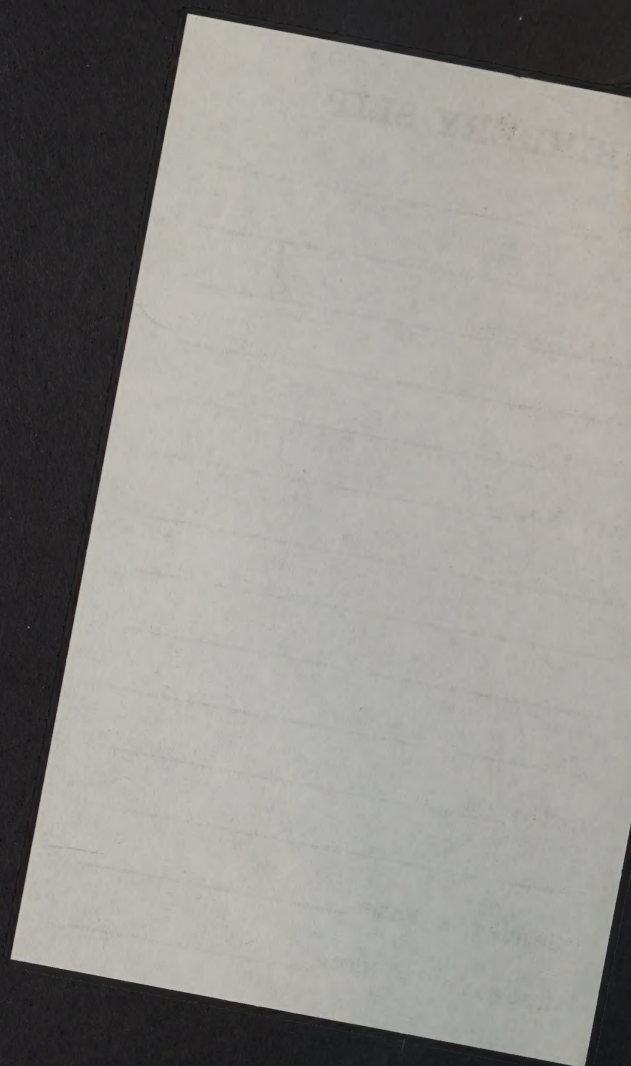
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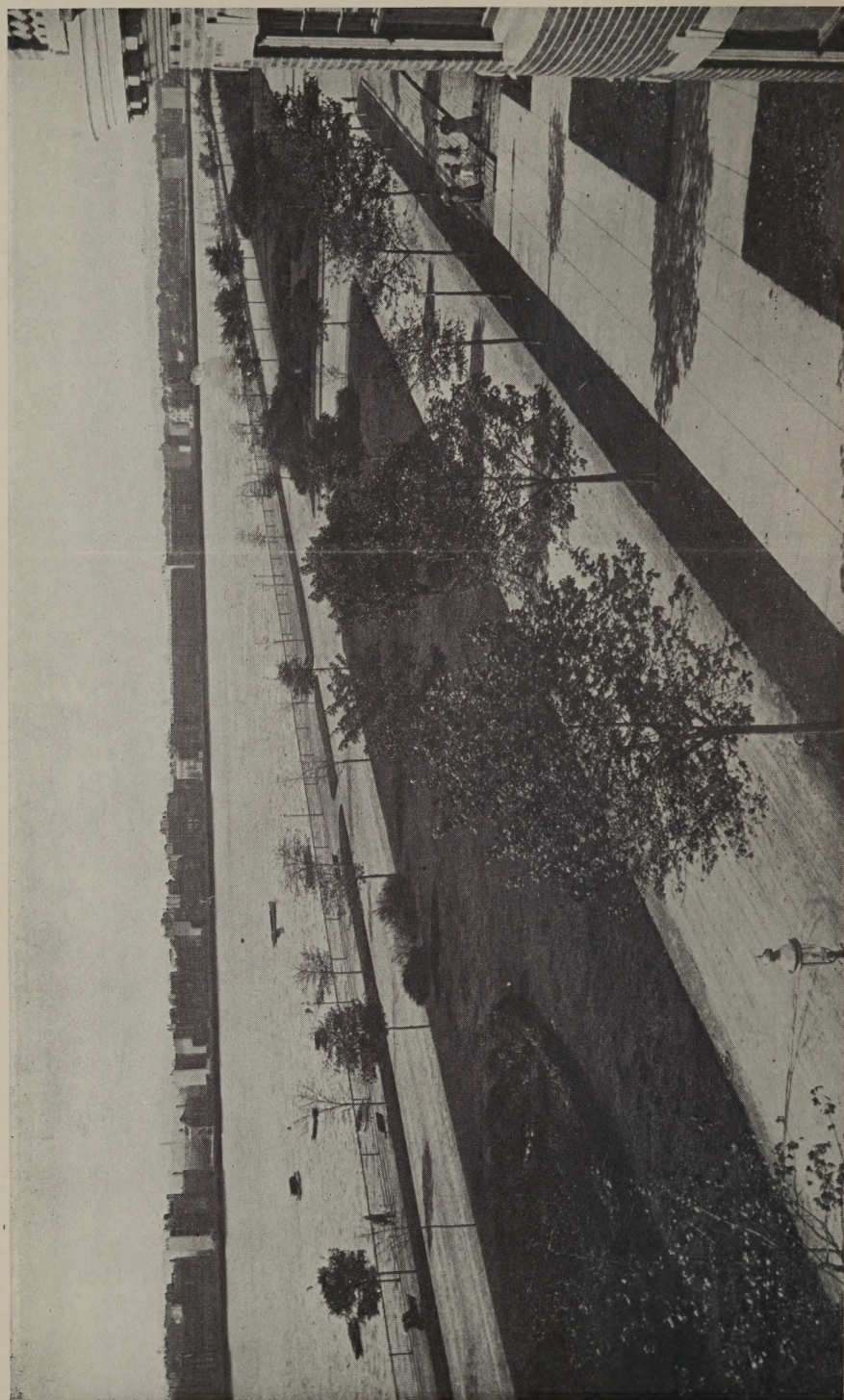
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SECTION B — FROM RIVERBANK COURT

**SIXTEENTH ANNUAL REPORT**  
OF THE  
**BOARD OF PARK COMMISSIONERS**  
OF THE  
**CITY OF CAMBRIDGE**

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*To the Honorable, the City Council of the City of Cambridge:—*

GENTLEMEN :—The Board of Park Commissioners has the honor to submit herewith its sixteenth annual report covering the municipal year ending March 31st, 1909, and four months' period between the municipal years of 1907 and 1908; also the fifteenth annual report of the General Superintendent of Parks, as required by Section 4 of the Ordinance establishing a Park Department.

In its report of 1894 the Cambridge Board of Park Commissioners gave great attention to the proposed dam, and with the report included the argument of A. M. Mattice, M. E., made to the Board, which was the fullest and most complete statement of facts presented to the public at that time.

In October of 1908, fourteen years later, the river was closed by the temporary dam and the great lock put into successful operation. The water in the basin and river is now maintained at a permanent level, and Cambridge today fronts on one of the most valuable water parks ever given a municipality.

From this time on the Commissioners expect to see visible results from their efforts of so many years. The basin and river will surely be the most valuable asset of Cambridge and its river drive will add enormously to real estate values along its entire length.

The Park Commissioners recognize its importance and will do their best to promote its development. They, however, beg co-operation on the part of all citizens for the single purpose of getting the best results from a rare opportunity.

We have reached the time when the City should give better protection to its property along the river, and hoodlumism stamped out forever. For more than two hundred years the City turned its back to the Charles; now it is time to turn its face to the river and to obtain the benefits from the large expenditure of money made.

A portion of the sea wall above Harvard Bridge has been taken



down and the stone used to build the wall back of the Electric Light Station and the Riverside Press; also to build wing walls at Western Avenue and River Street. The roadway has been brought to its rough grade; the bridge over the Grand Junction track completed; a large proportion of the beaches built, and it requires but the finishing touches to make the driveway complete from the Cambridge Bridge to Mt. Auburn Street. We are approaching the end of a tremendous undertaking, one which but few American cities would have the courage to undertake. This large expenditure has added to the city's tax rate, but the results that will be obtained will prove the wisdom of the undertaking.

Adjoining the Esplanade, near the new Cambridge Bridge, has been erected during the past year a huge exhibition building of importance and value to Cambridge and Boston, not quite appreciated today. Here will be afforded an unequalled opportunity for conventions or manufacturers' exhibits, which should produce valuable results to Metropolitan Boston, of which Cambridge is a very important part.

#### EAST CAMBRIDGE EMBANKMENT.

Filling is being delivered upon the Embankment from the Subway test pits without cost to the City, and if a sufficient quantity is received it will be quite possible to very nearly complete this important playground this year.

#### RINDGE FIELD.

Such work has been done during the year as could be carried on economically, and it is the purpose of the Commissioners to continue the same until Rindge Field Park is completed.

#### PLAYGROUNDS.

The following act relative to playgrounds was accepted by the voters at the election in March. It will not be difficult for the Commissioners to conform to the act with moderate expense.

#### CHAPTER 513, ACTS OF 1908.

AN ACT TO PROVIDE FOR PUBLIC PLAYGROUNDS IN CERTAIN CITIES AND TOWNS.

*Be it enacted, etc., as follows:—*

SECTION 1. Every city and town in the Commonwealth having a population of more than ten thousand, accepting the provisions of this act shall, after the first day of July, in the year nineteen hundred and ten, provide and maintain at least one public playground conveniently located and of suitable size and equipment, for the recreation and physical education of the minors of such city or town, and at least one other playground for every additional twenty thousand of its population.



SEC. 2. Cities and towns may appoint, and determine the compensation of a qualified supervisor of each playground, who shall direct the sports and exercise thereon.

SEC. 3. In cities and towns where the provisions of this act are not already satisfied, land for the purpose aforesaid may be taken, and the money necessary to pay for such land may be raised in accordance with sections nineteen, twenty and twenty-one of chapter twenty-eight of the Revised Laws; and any land owned by the city or town may be set aside by vote of the city council, or of the board of selectmen, for the purposes of this act.

SEC. 4. In cities and towns which have a population of more than ten thousand, and which have not already satisfied the provision of this act, the following question shall be placed on the official ballot at the next city or town election: Shall chapter 513 of the acts of the year nineteen hundred and eight, requiring certain cities and towns to provide public playgrounds, be accepted by this (city or town)?

SEC. 5. This act shall take effect in any city or town to which it applies upon its acceptance by a majority of the voters as aforesaid. (Approved May 12, 1908.)

### SHADE TREES.

The condition of the street trees is very bad and the problem of keeping the elm beetle under subjection is a serious one. Early spraying and diligent work is necessary, but co-operation on the part of property owners is very essential if success is to be attained.

There are a very large number of dead trees which were killed by the elm beetle last year; these are not only unsightly but dangerous, and they must be removed at once.

It is the purpose of the Commissioners to replace them with rock maples as fast as the work can be done with the appropriation made for the purpose.

### SMOKE NUISANCE.

The smoke problem is now in the hands of the Board of Health and the Commissioners trust that it will be given serious consideration. Many days in the summer the heavy volume of black smoke creates a condition at Cambridge Field which is almost unbearable; a similar condition often exists along the Esplanade. The City has expended large sums in preparing places where the public may go to get fresh air and sunshine, and it is deplorable that the neglect of factory managers should so seriously injure them.

It is not within the province of the Board to discuss the smoke nuisance in its relation to the City in general, but when it seriously menaces the health and comfort of those who use the City parks it is proper to earnestly protest.

## POLICE.

The police protection afforded the parks is insufficient. The damage done yearly by irresponsible young men and boys is very considerable. The Commissioners urge that the matter be given serious consideration.

## FINANCIAL STATEMENT.

Covering the four months (December 1st, 1907, to April 1st, 1908) between the financial years of 1907 and 1908.

## PARK LOANS.

Amount of unused balance of 1907 appropriation reappropriated		
December 4, 1907 . . . . .		\$6,219 81
Construction and Lands . . . . .	\$5,829 16	
East Cambridge Embankment . . . . .	289 95	
Rindge Field . . . . .	100 70	
	<hr/>	
	\$6,219 81	





BOAT LANDING--HARVARD BRIDGE



## PARK MAINTENANCE.

Brown Tail Moth Extermination—					
Amount appropriated December 1, 1907	.	.	.	.	\$5,000 00
Cambridge Field and Shelter—					
Amount appropriated December 1, 1907	.	.	.	.	1,999 66
Commons, Squares and Public Grounds—					
Amount appropriated December 1, 1907	.	.	.	.	1,766 54
Shade Trees—					
Amount appropriated December 1, 1907	.	.	.	.	1,666 64
Sections A, B, D and F—					
Amount appropriated December 1, 1907	.	.	.	.	1,599 88
Bath House—					
Amount appropriated December 1, 1907	.	.	.	.	766 52
Salaries—					
Amount appropriated December 1, 1907	.	.	.	.	764 67
Sections G and H—					
Amount appropriated December 1, 1907	.	.	.	.	666 59
General Account—					
Amount appropriated December 1, 1907	.	.	.	.	466 53
Rindge Field—					
Amount appropriated December 1, 1907	.	.	.	.	333 22

During this period bills payable from Park Loans have been approved by the Board and certified to the Auditor to the total amount of \$4,669.58, as follows:—

## PARK LANDS AND CONSTRUCTION.

River Parkway, Section C—					
Construction account	.	.	.	.	\$3,315 92
River Parkway, Section D—					
Construction account	.	.	.	.	425 70
River Parkway, Section F—					
Construction account	.	.	.	.	140 13
General Account—					
Construction account	.	.	.	.	508 28
Nursery—					
Construction account	.	.	.	.	245 80
Rindge Field—					
Construction account	.	.	.	.	33 75
					<hr/>
Amount expended	.	.	.	.	\$4,669 58
Amount unexpended	.	.	.	.	1,550 23
					<hr/> <hr/>

During this period bills payable from Park Maintenance have been approved by the Board and certified to the Auditor as follows:—

	Amount Expended	Balance Unexpended
Brown Tail Moth Extermination . . . . .	\$4,379 85	\$620 15
Cambridge Field and Shelter . . . . .	1,371 48	628 18
Shade Trees . . . . .	910 56	756 08
Salaries . . . . .	755 00	9 67
Commons, Squares and Public Grounds . . . . .	634 43	1,132 11
Sections A, B, D and F . . . . .	632 43	967 45
General Account . . . . .	319 87	146 66
Sections G and H . . . . .	268 56	398 03
Rindge Field . . . . .	93 57	239 55
Bath House . . . . .	2 63	763 89

## FINANCIAL YEAR 1908.

## PARK LOANS.

Amount of unused balance of four months' appropriation reappropriated April 16, 1908 . . . . .		\$1,550 23
Lands and Construction . . . . .	\$1,193 33	
East Cambridge Embankment . . . . .	289 95	
Rindge Field . . . . .	66 95	
	<hr/>	\$1,550 23
Amount appropriated May 13, 1908 . . . . .		30,000 00
Amount appropriated Sept. 17, 1908 . . . . .		12,000 00
		<hr/>
		\$43,550 23

## PARK MAINTENANCE.

## Brown Tail Moth and Elm Beetle Extermination—

Amount appropriated June 1, 1908 . . . . .	\$3,000 00	
Amount appropriated June 25, 1908 . . . . .	5,000 00	
	<hr/>	\$8,000 00

## Cambridge Field and Shelter—

Amount appropriated June 1, 1908 . . . . .	\$6,000 00	
Amount transferred March 23, 1909, to Salaries . . . . .	5 00	
	<hr/>	5,995 00

## Sections A, B, D and F—

Amount appropriated June 1, 1908 . . . . .	\$4,800 00	
Amount transferred March 23, 1909, from Main- tenance, Rindge Field . . . . .	182 00	
	<hr/>	4,982 00

## Shade Trees—

Amount appropriated June 1, 1908 . . . . .		4,500 00
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## Commons, Squares and Public Grounds—

Amount appropriated June 1, 1908 . . . . .		4,100 00
--	--	----------

## Bath House—

Amount appropriated June 1, 1908 . . . . .	\$2,300 00	
Amount transferred March 23, 1909, to Mainte- nance, General Account . . . . .	104 00	
	<hr/>	2,196 00

## Salaries—

Amount appropriated June 1, 1908 . . . . .	\$2,300 00	
Amount transferred March 23, 1909, from Cam- bridge Field and Shelter . . . . .	5 00	
	<u>          </u>	\$2,305 00

## Sections G and H—

Amount appropriated June 1, 1908 . . . . .		2,000 00
General Account—		
Amount appropriated June 1, 1908 . . . . .	\$1,400 00	
Amount transferred July 2, 1908, to Street Department	396 00	
	<u>          </u>	\$1,004 00

## Amount transferred March 23, 1909:

From Bath House . . . . .	\$104 00	
From Maintenance, Rindge Field . . . . .	74 00	
	<u>          </u>	178 00
		1,182 00

## Rindge Field—

Amount appropriated June 1, 1908 . . . . .	\$1,000 00	
Amount transferred March 23, 1909:		
To Sections A, B, D and F . . . . .	\$182 00	
To Maintenance, General Account . . . . .	74 00	
	<u>          </u>	256 00
		<u>          </u>
		744 00

## Sand Gardens—

Amount appropriated June 1, 1908 . . . . .		200 00
--	--	--------

During the year bills payable from Park Loans have been approved by the Board and certified to the Auditor to the total amount of \$43,395.08 as follows:—

## PARK LANDS AND CONSTRUCTION.

River Parkway, Section A—	
Construction account . . . . .	\$219 51
River Parkway, Section B—	
Construction account . . . . .	10,838 96
River Parkway, Section C—	
Construction account . . . . .	6,807 08
River Parkway, Section D—	
Construction account . . . . .	4,236 97
River Parkway, Section E—	
Construction account . . . . .	323 98
River Parkway, Section F—	
Construction account . . . . .	6,398 50
Rebuilding Sea Walls—	
Construction account . . . . .	10,887 89
Rindge Field—	
Construction account . . . . .	1,329 50
Amount carried forward . . . . .	<u>          </u>
	\$41,042 39

## PARK LANDS AND CONSTRUCTION—Continued.

Amount brought forward . . . . .	\$41,042 39	
East Cambridge Embankment—		
Construction account . . . . .	289 00	
General Account—		
Construction account . . . . .	1,913 95	
Nursery—		
Construction account . . . . .	149 74	
Amount expended . . . . .		\$43,395 08
Amount unexpended . . . . .		155 15

During the year bills payable from Park Maintenance have been approved by the Board and certified to the Auditor as follows:—

	Amount Expended	Balance Unexpended
Brown Tail Moth and Elm Beetle Extermination . . . . .	\$7,999 17	\$ 83
Cambridge Field and Shelter . . . . .	5,994 81	19
Sections A, B, D and F . . . . .	4,981 91	09
Shade Trees . . . . .	4,499 94	06
Commons, Squares and Public Grounds . . . . .	4,099 83	17
Salaries . . . . .	2,305 00	..
Bath House . . . . .	2,195 97	03
Sections G and H . . . . .	1,999 68	32
General Account . . . . .	1,181 27	73
Rindge Field . . . . .	743 54	46
Sand Gardens . . . . .	199 04	96

A detailed classification of the expenditures will be found in the report of the General Superintendent.

Since the beginning of the work in 1893 there has been expended to date of money raised under Park and Esplanade Loans, the sum of \$1,575,231.76.

The division is as follows:—

## River Parkway, Section A—

Construction account . . . . .	\$162,545 23	
Land account . . . . .	9,416 83	
		\$171,962 06

## River Parkway, Section B—

Construction account . . . . .	\$108,100 79	108,100 79
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## River Parkway, Section C—

Construction account . . . . .	\$114,305 59	
Land account . . . . .	31,701 08	
		146,006 67



River Parkway, Section D—					
Construction account	.	.	.	.	\$116,661 31
Land account	.	.	.	.	95,047 25
					<hr/>
					\$211,708 56
River Parkway, Section E—					
Construction account	.	.	.	.	\$1,259 70
Land account	.	.	.	.	60,110 00
					<hr/>
					61,369 70
River Parkway, Section F—					
Construction account	.	.	.	.	\$68,970 21
Land account	.	.	.	.	67,491 62
					<hr/>
					136,461 83
River Parkway, Section G—					
Construction account	.	.	.	.	\$120,669 41
Land account	.	.	.	.	86,824 82
					<hr/>
					207,494 23
River Parkway, Section H—					
Construction account	.	.	.	.	\$13,135 30
					13,135 30
Cambridge Field—					
Construction account	.	.	.	.	\$127,315 28
Land account	.	.	.	.	78,884 85
					<hr/>
					206,200 13
East Cambridge Embankment—					
Construction account	.	.	.	.	\$102,987 93
Land account	.	.	.	.	45,231 40
					<hr/>
					148,129 33
General Account					
Construction account	.	.	.	.	\$55,352 45
					55,352 45
Rindge Field—					
Construction account	.	.	.	.	\$17,408 59
Land account	.	.	.	.	31,461 85
					<hr/>
					48,870 44
Office Expenses—					
Construction account	.	.	.	.	\$15,915 29
					15,915 29
Broadway—					
Construction account	.	.	.	.	11,635 27
					11,635 27
Rebuilding Sea Walls—					
Construction account	.	.	.	.	10,887 89
					10,887 89
Nursery—					
Construction account	.	.	.	.	9,240 49
					9,240 49
Improvements at Rindge Field—					
Construction account	.	.	.	.	7,788 98
					7,788 98
Hastings Square—					
Construction account	.	.	.	.	2,683 07
					2,683 07
Baths and Lockers—					
Construction account	.	.	.	.	2,500 00
					2,500 00
Winthrop Square—					
Construction account	.	.	.	.	1,866 26
					1,866 26
Mill Pond—					
Construction account	.	.	.	.	999 77
					999 77

Fort Washington—							
Construction account	.	.	.	.	.	\$929 79	\$929 79
Washington Elm—							
Construction account	.	.	.	.	.	466 98	466 98
Porter Square—							
Construction account	.	.	.	.	.	20 87	20 87
							<hr/>
							\$1,579,726 15
Less Park revenue for 1894 and 1896							
merged into land and construction							
accounts	.	.	.	.	.		4,494 39
							<hr/>
							\$1,575,231 76

Of the whole amount of Park Loans expended to April 1st, 1909, 32 per cent. has been for land and 68 per cent. for construction as follows:—

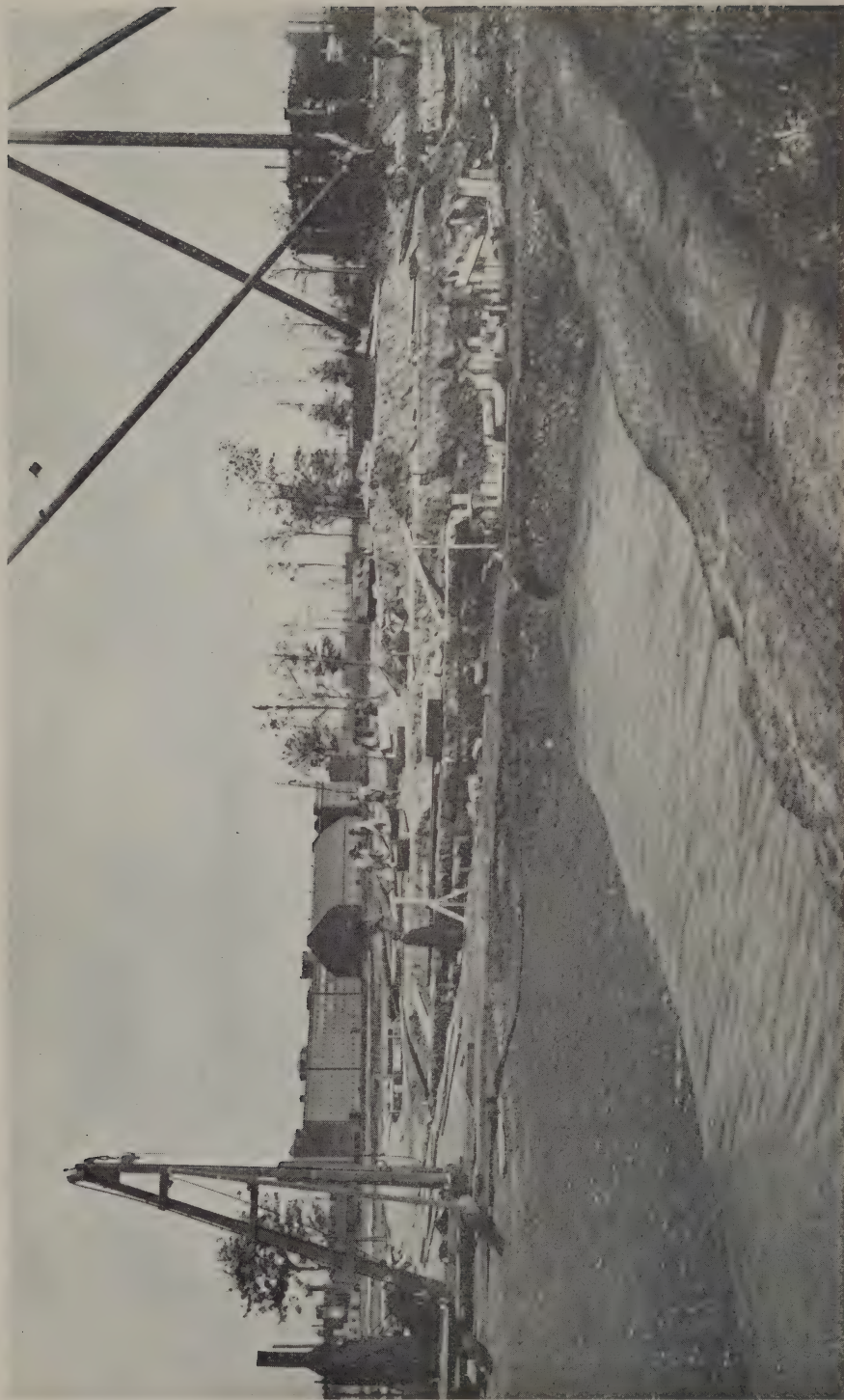
Land account (less revenues)	.	.	.	\$501,675 31	
Construction account	.	.	.	1,073,556 45	
				<hr/>	\$1,575,231 76

Respectfully submitted,

GEORGE HOWLAND COX,  
CHARLES S. CAHILL,  
WILLIAM M. WADDEN,

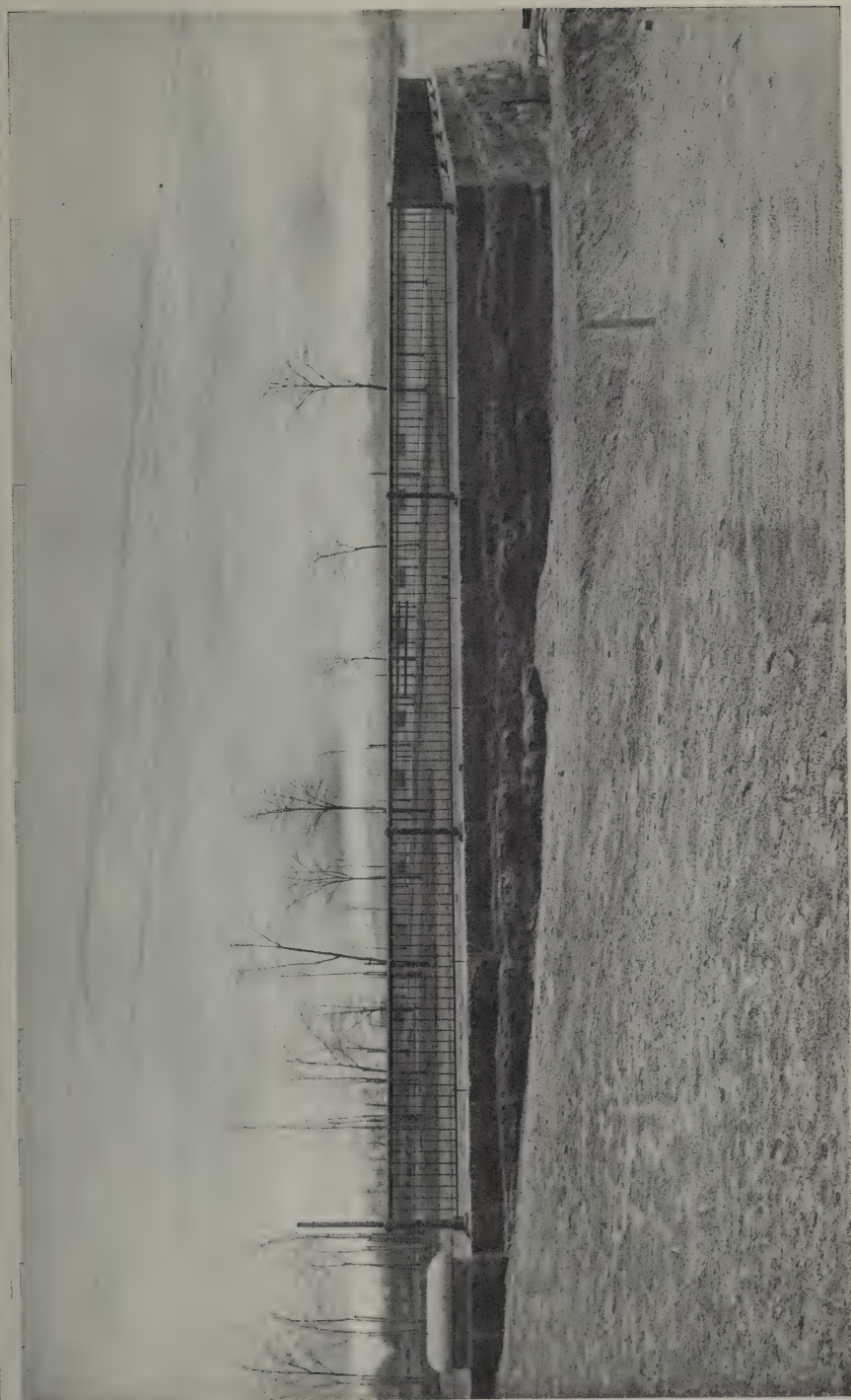
*Park Commissioners.*





SECTION B—RETURN WALL UNDER CONSTRUCTION





SECTION B.—RETURN WALL AND FENCE COMPLETE



## REPORT OF THE GENERAL SUPERINTENDENT OF PARKS.

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CAMBRIDGE, April 1st, 1909.

*To the Board of Park Commissioners of the City of Cambridge:—*

GENTLEMEN:—I have the honor to present herewith my third annual report as General Superintendent of Parks, covering the financial year of 1908, together with the four months period (December 1st, 1907, to April 1st, 1908) between the financial years of 1907 and 1908.

### SECTION A.

*(Area 9.07 acres.)*

Section A extends from the south line of Main Street as widened for the approach to the new Cambridge Bridge to the west line of the third street east of Massachusetts Avenue.

Seven Welsbach lights have been maintained during the year.

The trees are in good condition, four new ones having been planted to replace those that had died.

On account of the completion of the Exposition Building it becomes necessary to grade and finish the section directly in front of it for a distance of 600 feet and a width of 80 feet.

The thirty-foot roadway from the building to Cambridge Bridge is in a very uneven condition and should be rebuilt the coming season.

These improvements will be in keeping with the building, which will, no doubt, be visited by a large number of people on the occasion of the first exposition which it is expected will be held this year.

Up to the present date 231.6 cubic yards of loam have been placed at a cost of \$219.51.

### SECTION B.

*(Area 19.72 acres.)*

Section B extends from the west line of the third street east of Massachusetts Avenue to the west line of the fourth street west of the avenue, but does not include Massachusetts Avenue.

Twenty-six Welsbach lights have been maintained during the year. The usual maintenance work has been done during the season,

four men being constantly employed from the first day of April to the first of November, cleaning shrubbery beds, edging ribbon strips and keeping the roadway and sidewalks in proper condition. During July and August great care was given to the weeding of the beds.

A three-inch covering of good binding gravel was placed on 600 feet of the 30-foot roadway adjoining Section C, and rolled with a ten ton steam roller.

The remaining length of the roadway from this point to Massachusetts Avenue should receive the same treatment the coming year as the traffic from automobiles has entirely worn the surface.

Two hundred shrubs were planted in the beds to replace many that had been trampled out.

The landing near Massachusetts Avenue was placed in position and used all summer by those owning pleasure boats.

The material used on the section is as follows: 54.2 cubic yards cinders; 27.7 cubic yards loam; 232.2 cubic yards gravel at a total cost of \$328.73.

## SECTION C.

*(Area 13.39 acres.)*

Section C extends from the west line of the fourth street west of Massachusetts Avenue to the east line of Brookline Street.

A change in the plans of the landscape gardeners at this section of the parkway necessitated several improvements: first, the removal of 356 feet of old sea wall and building a return wall; second, the continuation of the beach to include that part of the section which the old sea wall formerly enclosed.

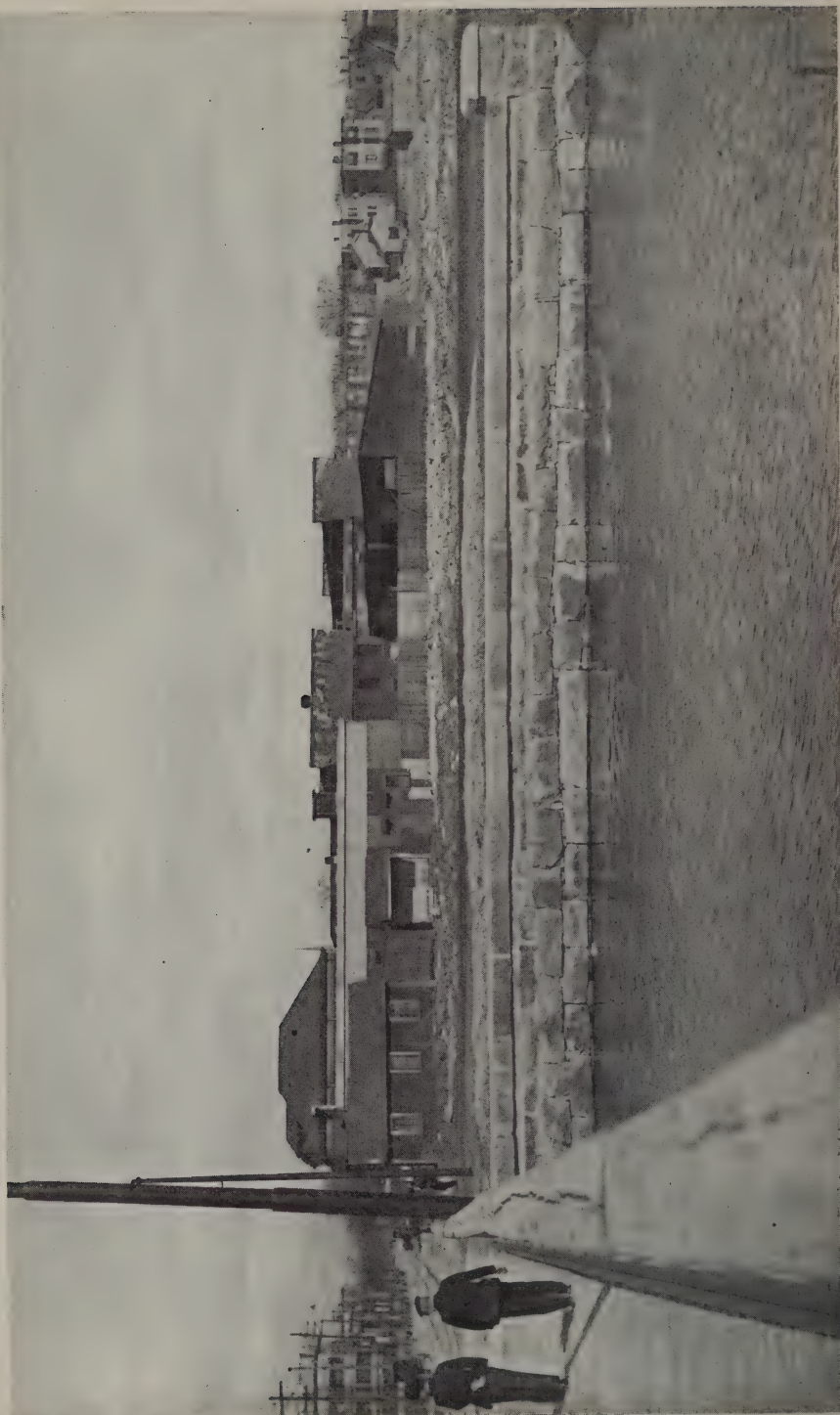
A contract was made with George T. Rendle of Boston, September 17th, 1908, to remove a portion of the old sea wall at Section C and build a return wall, also wing walls at Sections D and F; and 400 feet of wall at Section E. All work was done under the supervision of City Engineer L. M. Hastings.

The work was started within a week after the signing of the contract and the removal of the wall was completed only as the other walls were started, the stone being carted up the river to the various points on lighters.

The thirty-foot roadway was given a 3-inch covering of good binding gravel for a distance of 2,100 feet to the foot of the elevation of the railroad bridge. This, after being rolled with a ten ton roller, opened up a roadway through Sections B and C of 2,700 feet.







SECTION D.—SEA WALL COMPLETE

The work of the year also included the excavating of considerable loam and filling material to continue the beach; and the department was successful in removing about half the required amount. The filling removed was carted to the thirty-foot roadway at the elevation of the bridge.

A contract was made with the W. A. Snow Iron Works to build an iron fence on the return wall at the section built by Mr. Rendle, and this has just been completed.

This year it is hoped that the entire beach may be completed and thus open up one of the prettiest parts of the system.

Seventeen maple trees were planted on the section and are showing good results.

From the material received this year the elevation leading over the bridge has been widened to 20 feet and extended 400 feet in length, and although in an unfinished condition the road has been largely used by vehicles coming over the Brookline Bridge.

I would recommend that filling be secured as soon as practicable in order that the road over the bridge may be widened to the full width to accommodate the great traffic in both directions.

The material received during the four months from December 1st, 1907, to April 1st, 1908, cost \$2,580.59, and is as follows: 8,033 cubic yards cinders, 1,545.6 cubic yards and 1,925 loads filling.

## SECTION D.

(*Area 38.31 acres.*)

Section D extends from the west line of Brookline Street to the south line of River Street.

Twenty-nine Welsbach lights have been maintained, eighteen on the driveway and eleven on the island, together with three arc lights on the beach during the bathing season.

The usual maintenance work has been done during the year.

Two men have been constantly employed cutting grass, cleaning shrubbery beds and taking care of the roadway between Magazine and Brookline Streets, together with cleaning the bath houses during the summer months.

The roadway between Magazine and Brookline Streets, has been treated with an application of Tarvia, as an experiment to remedy the worn places in the surface. The application proved most successful, not only as a road builder but also as a dust layer. Tarvia seems to be a good as well as an economical treatment for all roadways in the

Parkway, since it has stood a test in one of the most travelled sections of the park driveway, at a cost of about 3 1-3c. per square yard.

The driveway between Magazine and River Streets, which, up to last year, was built to only half the proposed width, has been widened to its full width with cinders and filling received during the year.

A wing wall, seventy feet long, running east from River Street, was built under the contract with Mr. Rendle, thus placing the section in a fair condition as to completion.

Tree planting will undoubtedly be started in the spring and a small amount of work will finish the roadway and put it in an excellent condition for the great traffic of vehicles which pass over it daily.

The bath house was open from June 17th to September 12th. The usual number of attendants was employed: two life guards, two attendants in the men's bath house, one each in the men's locker house and boys' locker house; one in the women's bath house, and one selling tickets. During the summer, thousands took advantage of the bathing, especially the young people, who remained often during the entire bathing hours. The laundry work was done by the J. & C. Laundry, at \$2.00 per hundred pieces for the suits and \$1.00 per hundred pieces for towels and stockings. The laundry gave very good satisfaction and the prompt service rendered accommodated the department many times.

The total receipts from the use of towels, suits and lockers amounted to \$1,705.21, the largest amount ever received from the house, making the year a banner one both as to finances and popularity.

The water in the river being now at a constant level may affect the bathing this coming summer, many being of the opinion that the water freshened will not be as good for bathing as formerly, under the change of tide. How this change will affect the popularity of the beach can be readily seen after the bath house has been opened a month.

The following is an account of the material received up to date, at a cost of \$3,393.55: 2,778.7 cubic yards ashes, 60 loads gravel, 1,490 loads filling, 957 loads and 3,223.5 cubic yards cinders, 48.2 cubic yards loam.

## SECTION E.

*(Area 1.77 acres.)*

Section E extends from the north line of River Street to the south line of Western Avenue.







SECTION F.—BEACH UNDER CONSTRUCTION

About 400 feet of sea wall were built under the contract with Mr. Rendle. This necessitated the removal of the old bulkhead and the cutting of the piles about one foot below the level of the water in order that the contractor might drive piles for the foundation of the wall.

In order to give room to the contractor the department was obliged to remove the piazza of the Riverside Boat Club House; jack and brace the two buildings of the Riverside Press and remove the coal run, all these belonging to the City but rented by the different firms.

## SECTION F.

*(Area 13.89 acres.)*

Section F extends from the north line of Western Avenue to the east line of Boylston Street.

Seventeen Welsbach lights have been maintained; nine all year and eight extra lights since last August.

Two men have been employed during the season, cutting grass, cleaning the shrubbery beds and ribbon strips and keeping the roadway and sidewalks clean.

A contract was made with John M. Riley, June 6th, 1908, to furnish binding gravel at this section. Under the contract, about 1,000 cubic yards were delivered and placed on the forty-foot road between De Wolfe Street and Western Avenue. Tree pits have been dug and ten cubic yards of loam placed in each. Nine hundred thirty-nine and two-tenths cubic yards loam have been used on the ribbon strips, both sides of the road, at a cost of \$658.72, and this prepares them for sodding in the spring.

About 1,100 feet of the beach between De Wolfe Street and Western Avenue have been brought to sub-grade, making it now ready for a covering of coarse gravel. About 175 feet of the beach between De Wolfe Street and the old college wharf is still in an unfinished condition. Two thousand two hundred cubic yards of mud must be removed to bring the beach to sub-grade and placed east and west of the portion removed, where filling is necessary to fill large holes. This removal could readily be done either by dredging or teaming.

Sixteen oak and eight plane trees were planted on the upper part of the section to replace those which did not seem to withstand the soil.

The old Weld Boat Club House was sold the past year to the St. Alphonsus Association of Roxbury for \$1,000. And since the sale has

been removed to the Boston side of the river near the Brookline Street Bridge.

## SECTION G.

*(Area 16.07 acres.)*

Section G extends from the west line of Boylston Street to the east line of the land of the Stillman Infirmary.

Twenty-six Welsbach lights have been maintained during the year.

Three men have been employed, caring for the shrubbery beds, beach and roadway and cutting grass.

Several of the younger trees died the past season and should be replaced in the spring.

Ten plane trees were replanted.

The roadway here as well as throughout the Parkway is much used as a thoroughfare and should receive attention, especially near the curve at Bath Street.

The ribbon strip between Murray Street and Bath Street has been used by people as a sidewalk, thus trampling the grass to such an extent as to harden it like a roadway. Special signs calling attention to the fact that it was a grass plot were placed here but no attention was paid to them either by passers-by or the police.

I can see no other remedy for this than to place a wire fence around the space until the grass is again in good condition.

## SECTION H.

*(Area 1.44 acres.)*

Section H extends from the east line of the land of the Stillman Infirmary to the Metropolitan Park taking at Gerry's landing.

The section received the usual attention from the men who were employed at Section G.

The only extra work on the section being the painting of the iron fence with sea board paint.

## EAST CAMBRIDGE EMBANKMENT.

*(Area 8.35 acres.)*

No work has been done here by the department the past season as the Charles River Basin Commission was constructing a trunk







SECTION F.—SEA WALL UNDER CONSTRUCTION

sewer in Commercial Avenue and used a large part of the Park land for storing material. All surplus material from the construction of the sewer was placed on the Embankment by the contractor without expense to the City, bringing this part of the section up to sub-grade and leaving it in a condition, which at a small cost, could be developed this coming season into an excellent playground for the children of the vicinity.

This improvement would give to the children of East Cambridge a much needed recreation centre. I would recommend that a baseball field be laid out for the older boys and wading pools and sheltered sand courts for the younger children.

### RINDGE FIELD AND NURSERY.

*(Area 11.52 acres.)*

Two Welsbach lights have been maintained during the year.

One man has been constantly employed during the season, cutting grass, cleaning the walks and taking care of the ball field. The field was very popular during the summer months, many hundred people watching the ball games Saturday afternoons.

The lawn to be built on the Groveland Road side of the field has been graded and is now ready for seeding.

The lawn running parallel with Rindge Avenue as well as the centre lawn was seeded early in the spring and gave very good results.

The yard south of the building has been brought to sub-grade and now requires a two-inch covering of binding gravel to complete the construction work.

About 2,000 cubic yards of filling were received from the Sewer Department without cost and placed south of Railroad Street in the low land running parallel with the railroad.

The shelter was open from June 5th to November 7th, 1908, and was closed when the cold weather began, this being necessary on account of the building being without a heating apparatus.

The gymnasium was well patronized, together with the swings and sand courts, by the children of the vicinity.

One man has been constantly employed at the Nursery, caring for the trees and shrubs. Thirty-six trees were cut down and 235 red oaks transplanted during the season.

Twenty-four maple and five American elm trees were planted during the year.

The following inventory gives an account of stock on hand at the Nursery:—

## TREES.

<i>Acer platanoides</i>	13
<i>Acer saccharum</i>	11
<i>Platanus orientalis</i>	7
<i>Quercus rubra</i>	90
<i>Salix pentandra</i>	7
<i>Tilia Americana</i>	12
<i>Ulmus Americana</i>	57

## SHRUBS.

<i>Amorpha fruticosa</i>	7
<i>Andromeda japonica</i>	8
<i>Aralia pentaphylla</i>	76
<i>Azalea amoena</i>	10
<i>Baccharis halimifolia</i>	15
<i>Berberis vulgaris</i>	9
<i>Buxus sempervirens</i>	20
<i>Calycanthus floridus</i>	21
<i>Caragana arborescens</i>	43
<i>Ceanothus Americanus</i>	6
<i>Celastrus scandens</i>	38
<i>Clethra alnifolia</i>	137
<i>Cornus alba</i>	17
<i>florida</i>	33
<i>paniculata</i>	19
<i>sericea</i>	140
<i>sanguinea</i>	53
<i>Cratægus oxycantha</i>	52
<i>Deutzia crenata</i>	10
<i>Deutzia gracilis</i>	10
<i>Eleagnus longipes</i>	14
<i>Euonymus radicans</i>	150
<i>Exochorda grandiflora</i>	31
<i>Forsythia fortunei</i>	100
<i>Forsythia viridissima</i>	70
<i>Hydrangea asplenifolia</i>	40
<i>Hydrangea Paniculata</i>	7
<i>Ilex glabra</i>	12
<i>Ilex verticillata</i>	8
<i>Kalmia latifolia</i>	30
<i>Ligustrum ibota</i>	25
<i>vulgaris</i>	22
<i>Lonicera brachypoda</i>	50
<i>halliana</i>	40
<i>tatarica alba</i>	25
<i>tatarica</i>	90
<i>Lycium barbarum</i>	7
<i>Mahonia aquifolia</i>	18
<i>Philadelphus coronarius</i>	20
<i>Periploca græca</i>	20
<i>Rhamnus catharticus</i>	20
<i>Rhodotypos kerriodes</i>	5



## SHRUBS—Continued.

<i>Rhus aromatica</i>	50
“ <i>canadensis</i>	30
“ <i>typhina</i>	15
<i>Ribes aureum</i>	2
<i>Robinia hispida</i>	5
<i>Rosa multiflora</i>	15
“ <i>nitida</i>	1
“ <i>robina</i>	6
“ <i>rugosa</i>	200
“ <i>setigera</i>	6
“ <i>wichuraiana</i>	20
<i>Spiræa Anthony Waterer</i>	33
“ <i>aurum</i>	6
“ <i>billardii</i>	9
“ <i>bumalda</i>	35
“ <i>pruniflora</i>	5
“ <i>salicifolia</i>	23
“ <i>Van Houttei</i>	31
“ <i>tomentosa</i>	20
<i>Staphylea trifolia</i>	40
<i>Stephanandra flexuosa</i>	16
<i>Symphoricarpos vulgaris</i>	92
<i>Syringa vulgaris</i>	26
<i>Tamarix africana</i>	6
<i>Viburnum cassinoides</i>	38
“ <i>dentatum</i>	42
“ <i>lantana</i>	40
“ <i>lentago</i>	2
“ <i>opulis</i>	18
“ <i>opulis nana</i>	4
“ <i>tomentosa</i>	11
<i>Vinca minor</i>	200
<i>Xanthorrhiza apilfolia</i>	100

The following is an account of the stock on hand at the Shelter:—

222 ft. spraying hose (poor condition).  
 200 ft. rubber hose.  
 50 ft. rubber hose (poor condition).  
 17 wheelbarrows (poor condition).  
 14 long-handled shovels.  
 7 grub picks.  
 6 wheelbarrows (new).  
 4 wooden rakes.  
 3 iron rakes.  
 3 scufflers.  
 3 wooden rakes.  
 3 iron rakes.  
 2 scoops.  
 2 spades.  
 2 manure forks.  
 2 35-ft. ladders.  
 1 30-ft. ladder.  
 1 half ladder.  
 1 scythe and snath.

## CAMBRIDGE FIELD.

(Area 12.64 acres.)

The usual work of maintenance has been carried on during the season.

Four men have been employed during the spring and summer months and one man during the winter.

The shrubbery beds were thoroughly cleaned and trimmed and 900 shrubs replanted in places where many had been trampled upon.

Sixteen plane trees were planted, replacing those that had died.

The sports brought thousands of people to the field on Saturdays, as well as holidays and the games of baseball, football and cricket seemed to be the most popular.

The field was in good condition for skating twenty-four days out of the season and it is needless to say that the area flooded was crowded at all times.

The running track was appreciated by those training and the baths and lockers at the Shelter came in for equal patronage.

The lighting system in the baths and lockers was altered; the old lights and wires being replaced by lights and safety appliances. A new metallic ceiling was put in the bath room.

The boiler used in connection with the heating system has given very little satisfaction this past year and should be overhauled before another year.

Several requests have been made for a board walk on the Berkshire Street side of the field in order to accommodate the number attending the new church on York Street but as these walks have proven neither economical nor beneficial I would recommend a granolithic walk being laid, thus doing away with the care of lifting twice a year of a board one.

The shower baths continue to increase in popularity as is shown, not only from the table of bathers but also from the total receipts of \$416.94, for the sixteen months' period covered by this report.

## ATTENDANCE—SHOWER BATHS.

	Men	Women	Boys	Girls
December, 1907 . . . . .	1,715	513	281	23
January, 1908 . . . . .	1,954	440	187	...
February, " . . . . .	2,135	618	508	...
March " . . . . .	2,910	637	777	47
	<hr/>	<hr/>	<hr/>	<hr/>
	8,714	2,208	1,753	70
Total, 12,745.				
April . . . . .	2,890	704	993	60
May . . . . .	3,609	1,006	1,662	88
June . . . . .	6,482	1,721	4,782	912
July . . . . .	6,701	1,800	5,692	864
August . . . . .	5,892	1,771	7,078	1,078
September . . . . .	4,796	1,601	4,376	539
October . . . . .	3,797	883	1,587	111
November . . . . .	3,011	517	311	...
December . . . . .	2,456	519	89	...
January, 1909 . . . . .	2,435	564	103	...
February . . . . .	2,308	342	188	...
	<hr/>	<hr/>	<hr/>	<hr/>
March . . . . .	2,512	614	214	...
	<hr/>	<hr/>	<hr/>	<hr/>
	46,889	12,042	27,075	3,652
Grand total, 89,658.				

The following is a list of stock on hand at the field:—

1300 ft. rope.  
 350 towels.  
 150 ft. garden hose.  
 30 iron stakes.  
 9 boxes soap.  
 6 lanterns.  
 5 iron rakes.  
 4 picks.  
 4 spades.  
 4 reed push brooms.  
 4 lawn mowers.  
 4 scufflers.  
 3 long-handled shovels.  
 3 iron wheelbarrows.  
 2 crow bars.  
 2 barrels wood ashes.  
 2 wooden rakes.  
 2 wooden scoops.  
 2 floor brushes.  
 2 grubbers.  
 2 short-handled shovels.  
 2 trimming shears.  
 2 step ladders.  
 2 forks.  
 1 monkey wrench.  
 1 sod edger.  
 1 sledge hammer.

- 1 hand saw.
- 1 cross-cut saw.
- 1 large reel for fire hose.
- 1 ice scraper.
- 1 platform truck.
- 1 axe.

### CAMBRIDGE COMMON.

Two men were constantly employed during the season cutting grass, cleaning the walks and lawns, as well as weeding, where necessary.

The fences around the Common as well as Soldiers' Monument are in very good condition.

The granolithic walk laid last year between Massachusetts Avenue and Waterhouse Street has given perfect satisfaction and I would recommend again this year that an appropriation be requested in order that three more walks may be built in like manner and in order to do away entirely with the board walks in the other paths.

### BROADWAY COMMON.

The usual care has been given the Common during the season.

On account of the large number of people frequenting this ground it has been found very difficult to keep it in as good condition as it should be.

### FORT WASHINGTON.

The flag pole here, which has been in very poor condition for four years, was repaired by cutting off the base about six feet and placing on the pole thus shortened four new oak braces, 14 feet long and one foot high with wedges at both sides. The pole then received two coats of paint, the weather vane two coats of sizing and one of gilt. These repairs have put the pole in first-class shape.

### HASTINGS AND DANA SQUARES.

The usual care has been given the grass and shrubs.

The walks were cleaned and the shrubbery beds scuffled.



## CITY HALL AND WINTHROP SQUARE.

Both these grounds have received the usual attention during the season as to cutting grass and weeding.

## PUBLIC LIBRARY GROUNDS.

The grounds around the Public Library, Manual Training, English High and Latin Schools received the attention of two men during the season.

## SAND GARDENS.

The appropriation of \$200, made under this title, was spent as follows:—

Ten boxes, 12 feet by 12 feet by 18 inches, were built and one each placed in the following-named school yards: Gore, Lassell, Riverside, Tarbell, Taylor and Parker; together with two each at Rindge Field and Broadway Common. The instruction in each place, as well as the care of the children, was provided for by the Pine Street Playground Committee and the boxes proved a most enjoyable sport for the younger children.

## WASHINGTON ELM.

The perforated water pipe which was laid last year with the purpose of giving additional moisture to the historic tree has to all appearances given perfect satisfaction. The tree has been watered twice a week, both from the hydrant and underground pipe.

Dead wood has been removed and the tree is now in excellent condition and looks as if it would live for many years to come.

It has been sprayed twice with arsenate of lead to destroy the elm beetle.

The iron fence surrounding the tree has been painted.

## SHADE TREES.

Owing to the fact that the appropriation for this work was \$500 less than that granted for the preceding year the required amount of work was not accomplished.

During April and the first part of May about three hundred trees were planted on different streets throughout the city and sec-

tions of the River Parkway; 37 heads were removed from dead trees and 93 dead trees removed; 7 live trees removed by order of your Board; 211 guards placed and 50 old guards repaired; 361 trees trimmed on orders from citizens.

On account of the destruction of the elm tree by the ravages of the beetle 400 street trees have died and these must be removed to avoid accidents from falling limbs.

The appropriation, therefore, for the coming year must be much larger than ever.

## BROWN TAIL MOTH AND GYPSY MOTH EXTERMINATION.

On account of the change in the municipal year from December 1st to April 1st, this report contains the work of two seasons in regard to extermination; one covering from December 1st, 1907, to April 1st, 1908, and the second from December 1st, 1908, to April 1st, 1909.

On December 2d, 1907, the park employees commenced the work of extermination on private estates, removing the nests of the brown-tail moth from the branches and painting the nests of the gypsy moth with creosote.

About 2,000 estates were cleaned and a charge of 25 cents per hour per man and 25 cents per gallon for creosote used. The charges thus made were placed on the tax bills, the total amount charged being \$1,786.46.

After the completion of private property 3,090 street trees were cleaned.

On December 28th, 1908, the men again renewed the extermination on private estates and cleaned about 2,500, this showing an increased infestation. The same rule will follow as to charges being placed on the tax bill this year as last.

At the writing of this report 3,503 street trees have just been cleaned, the work having been completed the past week.

Last June millions of brown-tail moths were blown into the city from neighboring cities and these caused a very bad infestation, and accounts for the extra work this past winter.

Although the City pays about \$9,000 towards the State expenditures for protection against the moths, yet no visible protection is given and I feel the City could be well protected if the money given the State were given to the City individually.





DECATUR STREET—SHOWING TREES KILLED BY ELM LEAF BEETLE



It seems as if it were an imposition to the citizens to be burdened with a large sum each year to care for moths which come in from surrounding places and some rules should be made to insist on thorough work in each city, especially on boundary lines.

### ELM LEAF BEETLE EXTERMINATION.

Through the efforts of the Citizens' Trade Association an appropriation of \$5,000 was made by the City Government June 25th last year for extermination of this pest. A large Church spraying machine was purchased at a cost of \$865, and this, together with a small Olds machine which the department had on hand, did very good work for the short space of time given in which to work.

The Association also was instrumental in getting co-operation from many hundred property owners in as much that each one would pay \$1.00 per large tree and 50 cents per small tree for all sprayed on the street in front of the property as well as those on the premises. This plan proved a most successful one, in many ways arousing interest in the work from the citizens and helping the department financially. One machine was kept entirely on orders and the larger machine went through the main street and as many side streets as possible and sprayed all elm trees.

From this work a revenue of about \$500 was received, together with \$549 collected by the Association from property owners, who, although not wishing any spraying done, responded to help the work of saving the trees.

About the middle of July spraying with arsenate of lead was discontinued and the bases of the trees, where the beetle in a slug form collects to pupate, were sprayed with hot water and a covering of lime laid to catch any that might have been missed.

The following is an inventory of the stock on hand at the Tool House:—

- 1000 ft. manila rope.
- 1800 ft. rope (poor condition).
- 268 ft. spraying hose (poor condition).
- 7 garden lines.
- 650 new stakes.
- 11 tree poles.
- 200 fence poles.
- 35 gals. creosote.
- 50 shears for poles (poor condition).
- 44 ordinance signs.
- 40 poles for brushes.

- 400 ft. wire netting.
- 24 long-handled shovels (poor condition).
- 13 bamboo poles (new).
- 36 picks (poor condition).
- 22 iron rakes.
- 12 manure forks.
- 20 lawn mowers (fair condition).
- 20 sprinklers.
- 10 lanterns.
- 12 scuffle hoes.
- 15 wheelbarrows (poor condition).
- 18 wooden snow shovels.
- 24 new wooden rakes.
- 7 sickles.
- 19 garden hoes.
- 12 new lawn mowers.
- 12 grub axes (poor).
- 15 broken shear poles.
- 11 snow shovels.
- 16 extension ladders.
- 9 spaying rods.
- 14 wooden rakes (poor condition).
- 10 weed diggers.
- 8 spading forks.
- 4 half ladders.
- 6 gravel screens.
- 2 iron wedges.
- 5 medium rammers.
- 4 edging knives (poor condition).
- 5 wheelbarrows (good condition).
- 4 light rammers.
- 4 iron rakes (poor condition).
- 6 cross-cut saws.
- 4 grub axes (good).
- 4 paving rammers.
- 2½ bundles burlap.
- 5 crow bars.
- 3 hand saws.
- 2 scythes.
- 15 gals. lubricating oil.
- 6 axes (poor).
- 4 set falls.
- 2 spading forks (poor).
- 2 sod cutters.
- 2 spraying hand pumps.
- 2 pole saws.
- 1 claw hammer.
- 2 draft horses.
- 2 sledge hammers.

2 iron malls.  
 1 bbl. lantern shades.  
 1 water pump.  
 1 wooden mall.  
 1 iron hand roller.  
 1 ash sifting machine.  
 1 set falls (poor condition).  
 1 carriage.  
 1 carriage horse.  
 2 set skids (poor condition).  
 1 watering cart.  
 2 teams.  
 1 tip cart.  
 2 Olds gasoline power engines.  
 1 digging spade.  
 2 horse rollers.  
 1 horse mower.  
 1 100-gal. oil tank.  
 1 head light.  
 ½ bbl. twine.  
 ¼ gross scythe stones.  
 1 nozzle for large hose.  
 1 hydrant goose neck.  
 5½ rolls fence wire.  
 14 rolls hose.  
 24 ft. window wire.  
 6 new signs.  
 3 heavy teaming signs.  
 4 bags old burlap.  
 2 sections—rubber hose.

### THE YEAR'S EXPENDITURES.

The expenses of the department for the four months (December 1st, 1907, to April 1st, 1908) between the financial years of 1907 and 1908 are shown in the following summary of the departmental accounts:—

#### PARK LOANS.

(Lands and Construction.)

Amount of unused balance of 1907 appropriation reappropriated			
December 4, 1907	.	.	\$5,829 16
EXPENDED.			
River Parkway, Section C—			
Cinders	.	\$2,008 40	
Pay-roll	.	702 50	
Filling	.	572 19	
Building scow	.	32 83	
		<hr/>	\$3,315 92
Amounts carried forward	.	\$3,315 92	\$5,829 16

## PARK LOANS—Continued.

<i>Amounts brought forward . . . . .</i>		\$3,315 92	\$5,829 16
<b>River Parkway, Section D—</b>			
Cinders . . . . .	\$365 70		
Ashes . . . . .	60 00		
	<hr/>	425 70	
<b>River Parkway, Section F—</b>			
Ashes . . . . .	\$105 13		
Filling . . . . .	35 00		
	<hr/>	140 13	
<b>Nursery—</b>			
Pay-roll . . . . .	\$240 00		
Coal . . . . .	5 80		
	<hr/>	245 80	
<b>General Account—</b>			
Pay-roll . . . . .	\$246 50		
Rent of stable . . . . .	90 00		
Half-tones for annual report . . . . .	70 00		
Hay and grain . . . . .	54 46		
Connection of water pipes, Shelter, Rindge Field . . . . .	20 00		
Stationery . . . . .	7 23		
Coal . . . . .	5 80		
Harness repairs and supplies . . . . .	3 85		
Slips and receipts for annual report . . . . .	3 50		
Postal cards and stamps . . . . .	3 00		
Envelopes for daily reports . . . . .	2 00		
Lighting stable . . . . .	1 00		
Miscellaneous supplies . . . . .	94		
	<hr/>	508 28	
Total . . . . .			4,635 83
Balance unexpended . . . . .			<u>\$1,193 33</u>

## PARK LOANS.

(Lands and Construction.)

## East Cambridge Embankment—

Amount of unused balance of 1907 appropriation reappropriated December 4, 1907 . . . . .	\$289 95
Balance unexpended . . . . .	<u>\$289 95</u>



## PARK LOANS.

(Lands and Construction.)

## Rindge Field—

Amount of unused balance of 1907 appropriation reappropriated December 4, 1907 . . . . . \$100 70

## EXPENDED.

Pay-roll . . . . .	\$28 75	
Teaming . . . . .	5 00	
		<hr/>
Total . . . . .		33 75
		<hr/>
Balance unexpended . . . . .		\$66 95
		<hr/> <hr/>

## PARK MAINTENANCE.

## Brown Tail Moth Extermination—

Amount appropriated December 20, 1907 . . . . . \$5,000 00

## EXPENDED.

Pay-roll . . . . .	\$4,191 39	
Hay and grain . . . . .	58 70	
Creosote . . . . .	45 18	
Hardware, tools, etc. . . . .	20 68	
Cards (printed and ruled) . . . . .	19 00	
Notices to property owners . . . . .	15 00	
Postal cards and printing . . . . .	14 50	
Stamped envelopes . . . . .	13 25	
Expressage . . . . .	2 15	
		<hr/>
Total . . . . .		4,379 85
		<hr/>
Balance unexpended . . . . .		\$620 15
		<hr/> <hr/>

## Cambridge Field and Shelter—

Amount appropriated December 20, 1907 . . . . . \$1,999 96

## THE FIELD.

## EXPENDED.

Pay-rolls . . . . .	\$286 00	
Lighting . . . . .	210 00	
		<hr/>
		\$496 00

## THE SHELTER.

## EXPENDED.

Pay-rolls . . . . .	\$765 00	
Lighting . . . . .	40 00	
Laundrying towels . . . . .	34 68	
Platform scales . . . . .	18 00	
Supplies for building . . . . .	9 80	
Soap for shower baths . . . . .	8 00	
		<hr/>
		875 48
		<hr/>
Total . . . . .		1,371 48
		<hr/>
Balance unexpended . . . . .		\$628 48
		<hr/> <hr/>

## PARK MAINTENANCE—Continued.

## Commons, Squares and Public Grounds—

Amount appropriated December 20, 1907 . . . . \$1,766 54

EXPENDED.		
Pay-roll . . . . .	\$375 21	
Lighting . . . . .	110 00	
Lumber (repairing walks) . . . . .	56 78	
Paint . . . . .	37 33	
Hardware, tools, etc. . . . .	16 32	
Loam for skating rink . . . . .	12 00	
Settees (repairs) . . . . .	9 15	
Repairing fence "Washington Elm" . . . . .	8 24	
Gravel (skating rink) . . . . .	8 00	
Repairing flag . . . . .	1 40	
Total . . . . .		634 43
Balance unexpended . . . . .		\$1,132 11

## Shade Trees—

Amount appropriated December 20, 1907 . . . . \$1,666 64

EXPENDED.		
Pay-roll . . . . .	\$830 06	
Wire netting . . . . .	45 00	
Teaming . . . . .	15 00	
Sharpening saws . . . . .	7 90	
Hardware, tools, etc. . . . .	5 05	
Cards for index . . . . .	5 00	
Repairing fence damaged by tree . . . . .	2 55	
Total . . . . .		910 56
Balance unexpended . . . . .		\$756 08

## Sections A, B, D and F—

Amount appropriated December 20, 1907 . . . . \$1,599 88

EXPENDED.		
Section A—		
Lighting . . . . .		\$69 08
Section B—		
Lighting . . . . .	\$256 52	
Pay-roll . . . . .	16 00	
Hardware, tools, etc. . . . .	75	
		273 27
Section D—		
Lighting . . . . .	\$164 03	
Gravel for skating rink . . . . .	37 25	
		201 28
Section F—		
Lighting . . . . .		88 80
Total . . . . .		632 43
Balance unexpended . . . . .		\$967 45

## PARK MAINTENANCE—Continued.

## Bath House—

Amount appropriated December 20, 1907 . . . .	\$766 52
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## EXPENDED.

Miscellaneous supplies . . . .	\$2 63	
Total . . . .		2 63

Balance unexpended . . . .		<u>\$763 89</u>
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## Salaries—

Amount appropriated December 20, 1907 . . . .	\$714 67
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Amount appropriated February 6, 1908 . . . .	50 00
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	<u>\$764 67</u>
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## EXPENDED.

Salary of General Superintendent .	\$500 00
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Salary of Clerk of Bookkeeper .	255 00
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Total . . . .		755 00
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Balance unexpended . . . .		<u>\$9 67</u>
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## Sections G and H—

Amount appropriated December 20, 1907 . . . .	\$666 59
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## EXPENDED.

Lighting . . . .	\$256 56
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Pay-roll . . . .	12 00
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Total . . . .		268 56
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Balance unexpended . . . .		<u>\$398 03</u>
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## General Account—

Amount appropriated December 20, 1907 . . . .	\$466 53
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## EXPENDED.

Rent of stable . . . .	\$90 00
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Telephone service . . . .	29 70
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Hay and grain . . . .	27 80
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Pay-roll books . . . .	26 50
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Stamped envelopes and printing . . . .	22 25
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Horse shoeing . . . .	19 56
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Lantern slides . . . .	17 15
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Stamps . . . .	15 50
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"Journal" and "Ledger" . . . .	12 87
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Stationery . . . .	12 30
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Coal . . . .	11 60
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Advertising . . . .	8 50
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Time cards . . . .	7 50
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Office lamp . . . .	5 50
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Cambridge Directory, 1908 . . . .	4 00
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Lighting stable . . . .	3 20
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Amounts carried forward . . . .	\$313 93	<u>\$466 53</u>
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## PARK MAINTENANCE—Continued.

<i>Amounts brought forward</i> . . . . .	\$313 93	\$466 53
Subscription Municipal Journal . . . . .	3 00	
Supplies . . . . .	1 64	
Typewriter repairs . . . . .	1 30	
Total . . . . .		319 87
Balance unexpended . . . . .		\$146 66
<b>Rindge Field—</b>		
Amount appropriated December 20, 1907 . . . . .		\$333 22
EXPENDED.		
Lighting (Cambridge Elec. Lt. Co.) . . . . .	\$73 00	
Lighting (Welsbach St. Lighting Co.) . . . . .	19 72	
Repairs . . . . .	85	
Total . . . . .		93 57
Balance unexpended . . . . .		\$239 65

## THE YEAR'S EXPENDITURES.

The expenses of the department for the financial year of 1908 are shown in the following summary of the departmental accounts:—

## PARK LOANS.

(Lands and Construction.)

Amount of unused balance of four months appropriation reap-		
propriated April 16, 1908 . . . . .		\$1,193 33
Amount appropriated May 13, 1908 . . . . .		30,000 00
Amount appropriated September 17, 1908 . . . . .		12,000 00
		\$43,193 33

	EXPENDED.	
River Parkway, Section A—		
Loam . . . . .		\$219 51
River Parkway, Section B—		
Pay-roll . . . . .	\$7,017 72	
Teaming . . . . .	3,071 37	
Gravel . . . . .	290 25	
New iron fence . . . . .	270 00	
Services of landscape gardeners . . . . .	41 55	
Hire of steam roller . . . . .	35 00	
Trees and shrubbery . . . . .	32 50	
Loam . . . . .	24 93	
Hardware, tools, etc. . . . .	18 79	
Cinders . . . . .	13 55	
Advertising . . . . .	10 00	
Raft repairs . . . . .	7 56	
Towing raft . . . . .	5 00	
Repairs . . . . .	74	
	10,838 96	
<i>Amounts carried forward</i> . . . . .	\$11,058 47	\$43,193 33



## PARK LOANS—Continued.

Amounts brought forward . . . \$11,058 47 \$43,193 33

## River Parkway, Section C—

Cinders . . . . .	\$2,808 70
Pay-roll . . . . .	1,875 33
Filling . . . . .	620 40
Gravel . . . . .	459 88
Teaming . . . . .	295 50
Services of landscape gardeners . . . . .	150 00
Ashes . . . . .	147 84
Hire of steam roller . . . . .	130 00
Loam . . . . .	114 25
Entertaining Park Committee . . . . .	60 30
Hardware, tools, etc. . . . .	46 55
Stakes . . . . .	34 37
Trees . . . . .	22 50
Repairing tool house . . . . .	18 93
Watering parkway . . . . .	10 00
Coal for steam roller . . . . .	9 08
Building scow . . . . .	2 25
Expressage . . . . .	1 20
	<hr/>
	6,807 08

## River Parkway, Section D—

Cinders . . . . .	\$2,241 42
Ashes . . . . .	694 74
Pay-roll . . . . .	620 19
Filling . . . . .	347 50
Tarvia . . . . .	159 50
Gravel . . . . .	90 00
Stakes . . . . .	34 25
Loam . . . . .	28 92
Cracked stone . . . . .	12 00
Hardware, tools, etc. . . . .	5 45
Teaming . . . . .	3 00
	<hr/>
	4,236 97

## River Parkway, Section E—

Pay-roll . . . . .	\$230 67
Stone (cracked) . . . . .	51 00
Raising buildings . . . . .	30 80
Hardware, tools, etc. . . . .	11 51
	<hr/>
	323 98

## River Parkway, Section F—

Pay-roll . . . . .	\$3,517 07
Gravel . . . . .	1,194 74
Loam . . . . .	658 72
Teaming . . . . .	540 00
Filling . . . . .	127 25
Watering parkway . . . . .	68 75
Hire of steam roller . . . . .	60 00
Cinders . . . . .	55 31
Settees . . . . .	48 00
Edgestone and circle . . . . .	45 97
Stakes for engineers . . . . .	33 19
	<hr/>

Amounts carried forward . . . \$6,349 00 \$22,426 50 \$43,193 33

## PARK LOANS—Continued.

<i>Amounts brought forward</i>	.	.	.	\$6,349 00	\$22,426 50	\$43,193 33
Advertising	.	.	.	20 25		
Hardware, tools, etc.	.	.	.	9 95		
Ashes	.	.	.	6 75		
				<hr/>	6,398 50	
Nursery—						
Pay-roll	.	.	.	\$144 00		
Coal	.	.	.	5 74		
				<hr/>	149 74	
General Account—						
Workshop, Raymond Street	.	.	.	\$1,599 00		
Pay-roll	.	.	.	234 00		
Wire netting	.	.	.	27 00		
Teaming	.	.	.	27 00		
Supplies	.	.	.	26 95		
				<hr/>	1,913 95	
Rindge Field—						
Pay-roll	.	.	.	\$1,060 87		
Services of landscape gardeners	.	.	.	150 00		
Cement for drain	.	.	.	34 45		
Hardware, tools, etc.	.	.	.	17 63		
				<hr/>	1,262 95	
Rebuilding Sea Walls—						
Contract	.	.	.	\$7,509 00		
Work outside contract	.	.	.	943 00		
Teaming	.	.	.	442 50		
Inspectors	.	.	.	404 00		
Lumber	.	.	.	75 65		
Advertising	.	.	.	29 37		
Tools	.	.	.	27 17		
Labor, sewer men	.	.	.	13 50		
				<hr/>	9,471 94	
Section B—						
Pay-roll	.	.	.	796 84		
Section D—						
Pay-roll	.	.	.	136 00		
Section E—						
Pay-roll	.	.	.	\$335 11		
Cracked stone	.	.	.	42 00		
Inspectors	.	.	.	12 00		
				<hr/>	389 11	
Section F—						
Pay-roll	.	.	.	94 00		
				<hr/>	10,887 89	
Total	.	.	.			43,039 53
Balance unexpended	.	.	.			<hr/> \$153 80

## Park Loans.

*(Lands and Construction)**East Cambridge Embankment—*

Amount of unused balance of four months appropriation reappropriated April 16th, 1908 . . . . .	\$289 95
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## EXPENDED.

Services of landscape gardeners . . . . .	\$289 00	
Total . . . . .		289 00
Balance unexpended . . . . .		<u>\$ 95</u>

## Park Loans.

*(Lands and Construction.)**Rindge Field—*

Amount of unused balance of four months appropriation reappropriated April 16th, 1908 . . . . .	\$66 95
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## EXPENDED.

Pay-roll . . . . .	\$60 00	
Lumber . . . . .	6 55	
Total . . . . .		66 55
Balance unexpended . . . . .		<u>\$ 40</u>

## Park Maintenance.

*Brown Tail Moth and Elm Beetle Extermination.*

Amount appropriated June 1st, 1908 . . . . .	\$3,000 00
Amount appropriated June 25th, 1908 . . . . .	5,000 00
	<u>\$8,000 00</u>

## EXPENDED.

Pay-roll . . . . .	\$5,280 61
Spraying machine . . . . .	871 10
Disparene . . . . .	481 75
Hose for spraying machine . . . . .	286 83
Teaming . . . . .	251 00
Horse . . . . .	225 00
Salary of clerk . . . . .	100 00
Repairs, machine . . . . .	93 04
Hire of engineer . . . . .	55 13
Wagon . . . . .	50 00
Boarding horse . . . . .	50 00
Ladders . . . . .	43 05
Postal cards and printing . . . . .	36 25

Amounts carried forward . . . . .	\$7,823 76	\$8,000 00
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## PARK MAINTENANCE—Continued.

Amounts brought forward . . . . .	\$7,823 76	\$8,000 00
Hardware, tools, etc., . . . . .	30 95	
Notices to "Property Owners" . . . . .	27 50	
Index cards and bills . . . . .	24 00	
Lime . . . . .	23 10	
Signs for machine . . . . .	19 90	
Creosote . . . . .	18 18	
Kerosene oil . . . . .	15 54	
Hot water heater . . . . .	13 59	
Sundries . . . . .	2 65	
Total . . . . .		7,999 17
Balance unexpended . . . . .		\$ 83

*Cambridge Field and Shelter.*

Amount appropriated June 1st, 1908 . . . . .	\$6,000 00
Amount transferred March 23rd, 1909, to salaries . . . . .	5 00
	<u>\$5,995 00</u>

## EXPENDED.

*The Field.*

Pay-roll . . . . .	\$1,806 00	
Lighting . . . . .	630 00	
Hardware, tools, etc. . . . .	60 76	
Stakes, . . . . .	42 77	
Repairs . . . . .	17 32	
Bases for ball field . . . . .	3 50	
		\$2,560 35

*The Shelter.*

Pay-roll . . . . .	\$2,340 00	
Coal . . . . .	516 80	
Laundrying towels . . . . .	193 41	
Plumbing . . . . .	101 41	
Lighting . . . . .	90 96	
Soap for shower baths . . . . .	79 68	
Supplies . . . . .	42 05	
Towels . . . . .	40 00	
Toilet paper and expressage . . . . .	19 50	
Miscellaneous repairs . . . . .	10 65	
		<u>3,434 46</u>
Total . . . . .		5,994 81
Balance unexpended . . . . .		<u>\$ 19</u>

## PARK MAINTENANCE—Continued.

*Sections A, B, D and F.*

Amount appropriated June 1st, 1908 . . . . .	\$4,800 00
Amount transferred March 23rd, 1909, from Maintenance, Rindge Field . . . . .	182 00
	<hr/>
	\$4,982 00

## EXPENDED.

## Section A—

Lighting . . . . .	\$207 24
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## Section B—

Pay-roll . . . . .	\$1,211 75
Lighting . . . . .	769 56
Watering parkway . . . . .	203 75
"Herbicide" . . . . .	10 35
Shrubs for beds . . . . .	10 25
Float repairs . . . . .	2 79
	<hr/>
	2,208 45

## Section D—

Pay-roll . . . . .	\$653 00
Lighting . . . . .	577 90
Watering parkway . . . . .	175 00
	<hr/>
	1,405 90

## Section F—

Pay-roll . . . . .	\$652 25
Lighting . . . . .	375 57
Watering parkway . . . . .	132 50
	<hr/>
	1,160 32

Total . . . . .	<hr/>	4,981 91
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Balance unexpended . . . . .	<hr/>	\$ 09
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*Shade Trees.*

Amount appropriated June 1st, 1909 . . . . .	\$4,500 00
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## EXPENDED.

Pay-roll . . . . .	\$3,659 25
Teaming . . . . .	200 00
Trees . . . . .	141 30
Wire netting . . . . .	135 00
Tree poles . . . . .	119 50
Manila rope . . . . .	86 46
Loam . . . . .	54 60
Hardware, tools, etc., . . . . .	46 89
Sharpening saws . . . . .	23 25
Supplies . . . . .	11 89
Bicycle repairs . . . . .	10 25
Stationery (cards) . . . . .	6 75
Harness repairs . . . . .	4 80
	<hr/>

Total . . . . .	<hr/>	4,499 94
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Balance unexpended . . . . .	<hr/>	\$ 06
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## PARK MAINTENANCE—Continued.

*Commons, Squares and Public Grounds.*

Amount appropriated June 1st, 1908 . . . . \$4,100 00

## EXPENDED.

Pay-roll . . . . . \$3,370 07  
 Lighting . . . . . 330 00  
 Repairing masts, fixing halyards, etc. 129 00  
 Teaming . . . . . 90 50  
 Hardware, tools and supplies . . . 59 68

## EXPENDED.

Repairing fence, Dana Square . . 27 00  
 Garden hose . . . . . 50 00  
 Stakes . . . . . 11 40  
 Cleansing stones (marking historic spots) . . . . . 11 00  
 Lumber . . . . . 9 63  
 Printing "Rules and Regulations" . 4 50  
 Bases for ball field, Cambridge Common . . . . . 3 50  
 Hydrant covers and catch basin fixings 3 00  
 Expressage . . . . . 55

Total . . . . . 4,099 83

Balance unexpended . . . . \$ 17

*Salaries.*

Amount appropriated June 1st, 1908 . . . . \$2,300 00

Amount transferred March 23rd, 1909, from Maintenance  
 Cambridge Field . . . . . 5 00

\$2,305 00

Salary of General Superintendent . \$1,500 00

Salary of Clerk and Bookkeeper . 805 00

Total . . . . . 2,305 00

*Bath House.*

Amount appropriated June 1st, 1908 . . . . \$2,300 00

Amount transferred March 23rd, 1909, to Maintenance,

General Account . . . . . 104 00

\$2,196 00

## EXPENDED.

Pay-roll . . . . . \$1,321 10  
 Laundering towels, suits, etc. . . 399 41  
 Lighting . . . . . 154 32  
 Sand for beach . . . . . 144 00  
 Miscellaneous supplies and repairs . 44 18  
 Printing bathing tickets . . . . 30 00

Amounts carried forward . . . . \$2,093 01

\$2,196 00

## PARK MAINTENANCE—Continued.

<i>Amounts brought forward</i>	.	.	.	\$2,093 01	\$2,196 00
Towels	.	.	.	20 00	
Bathing suits	.	.	.	21 12	
Rope for life line	.	.	.	18 59	
Bathing schedules	.	.	.	13 00	
Stationery	.	.	.	12 70	
Locks and repairing	.	.	.	10 75	
Telephone service	.	.	.	5 80	
Water off and on	.	.	.	1 00	
Total	.	.	.		2,195 97
Balance unexpended	.	.	.		\$ 03

## Sections G and H—

Amount appropriated June 1st, 1908	.	.	.	\$2,000 00
	EXPENDED.			
Pay-roll	.	.	.	\$1,071 00
Lighting	.	.	.	769 68
Watering parkway	.	.	.	106 88
Stakes for engineers	.	.	.	18 50
Signs	.	.	.	12 76
Paint for fence	.	.	.	12 50
Wire for fences	.	.	.	4 98
Hardware, tools, etc.	.	.	.	3 38
Total	.	.	.	1,999 68
Balance unexpended	.	.	.	\$ 32

*General Account.*

Amount appropriated June 1st, 1908	.	.	.	\$1,400 00
Amount transferred July 2nd, 1908, to Street Department (For board of two horses.)				396 00
				\$1,004 00
Amount transferred March 23rd, 1909, from—				
Maintenance, Bath House	.	.	\$104 00	
Maintenance, Rindge Field	.	.	74 00	
				178 00
				\$1,182 00
	EXPENDED.			
Board of Supt.'s horse	.	.	\$211 62	
Telephone service	.	.	149 53	
Entertaining Committee on Parks	.	.	110 80	
Rent of stable	.	.	90 00	
Printing and binding report of 1907	.	.	86 86	
Repairs to Supt.'s carriage	.	.	83 27	
<i>Amounts carried forward</i>	.	.	\$732 08	\$1,182 00

## PARK MAINTENANCE—Continued.

<i>Amounts brought forward</i>	\$732 08	\$1,182 00
Horse shoeing . . . . .	64 61	
Stationery . . . . .	54 95	
Hardware, tools, etc. . . . .	52 52	
Hay and grain . . . . .	35 66	
Stakes . . . . .	32 63	
Harness repairs and supplies . . . . .	25 54	
Signs . . . . .	25 20	
Car tickets . . . . .	25 00	
Miscellaneous supplies . . . . .	23 67	
Boxes for storing records . . . . .	19 00	
Repairing wagon . . . . .	16 81	
Pay-rolls . . . . .	16 00	
Painting signs . . . . .	13 50	
Stamps . . . . .	9 35	
Repairing typewriter . . . . .	8 00	
Kerosene oil . . . . .	6 70	
Coal . . . . .	5 74	
Cambridge Directory, 1909 . . . . .	4 00	
Bicycle repairs . . . . .	6 50	
Photo supplies . . . . .	1 81	
Lighting stable . . . . .	2 00	
<b>Total</b>		<b>1,181 27</b>
<b>Balance unexpended</b>		<b>\$ 73</b>

*Rindge Field.*

Amount appropriated June 1st, 1908 . . . . .	\$1,000 00
Amount transferred March 23rd, 1909, to Sections A, B, D and F	\$182 00
To Maintenance, General Account	74 00
	<b>256 00</b>
	<b>\$744 00</b>

## EXPENDED.

Pay-roll . . . . .	\$451 33	
Lighting (Cambridge Electric Light Company) . . . . .	192 00	
Lighting (Welsbach Street Lighting Company) . . . . .	59 16	
Furniture . . . . .	17 00	
Water coolers . . . . .	9 50	
Ice for coolers . . . . .	8 20	
Bases for field . . . . .	3 50	
Supplies . . . . .	2 85	
<b>Total</b>		<b>\$743 54</b>
<b>Balance unexpended</b>		<b>\$ 46</b>

## PARK MAINTENANCE—Continued.

*Sand Gardens.*

Amount appropriated June 1st, 1908	. . . . .	\$200 00
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## EXPENDED.

Pay-roll	. . . . .	\$69 00
Sand for boxes	. . . . .	55 50
Teaming	. . . . .	42 00
Lumber	. . . . .	32 54

Total	. . . . .	<u>199 04</u>
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Balance unexpended	. . . . .	<u><u>\$ 06</u></u>
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Respectfully submitted,

JOHN F. DONNELLY,

Gen. Supt. of Parks.

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